

Fig. 1a

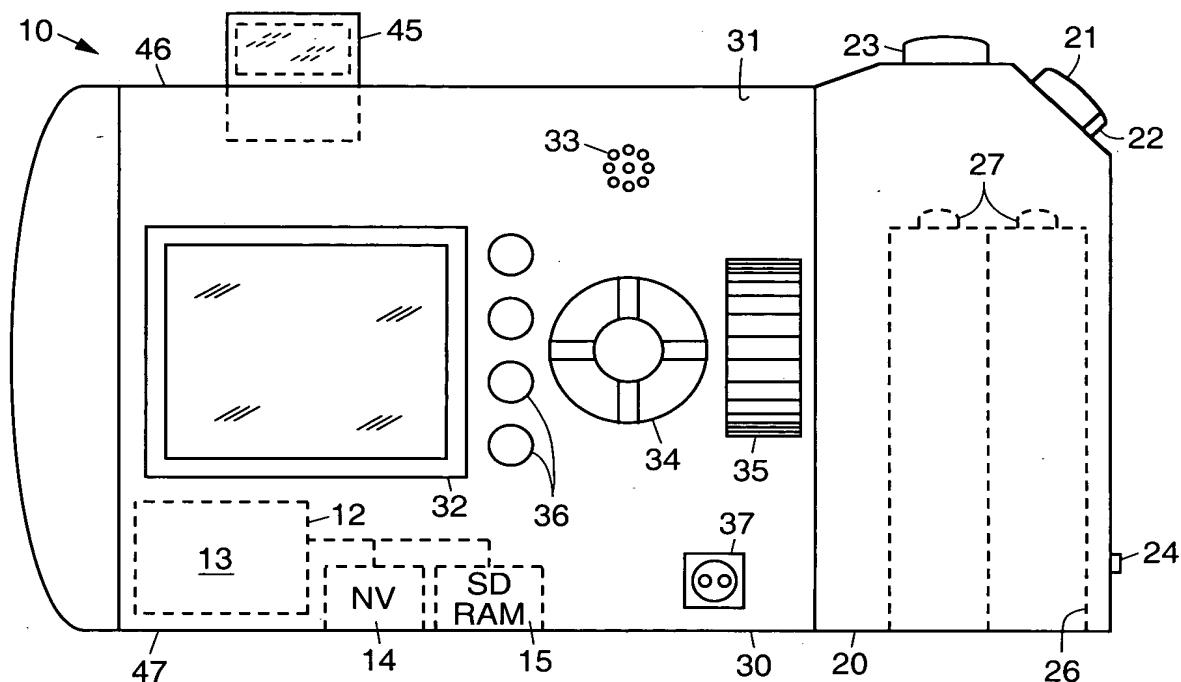


Fig. 1b

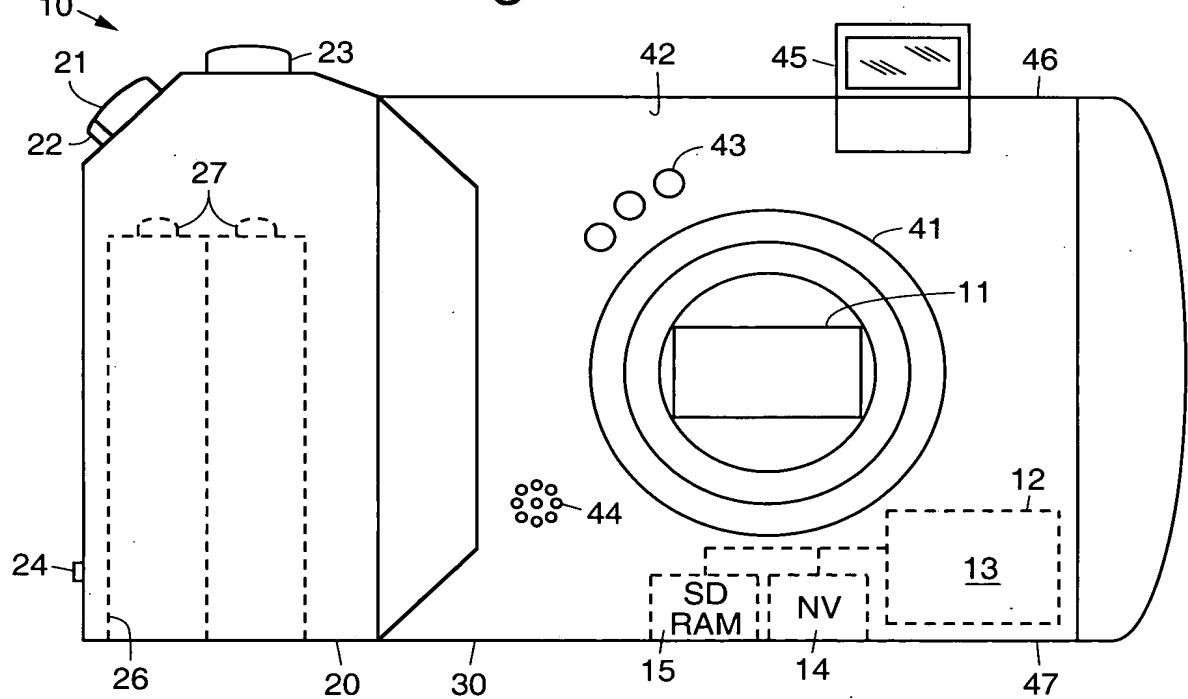
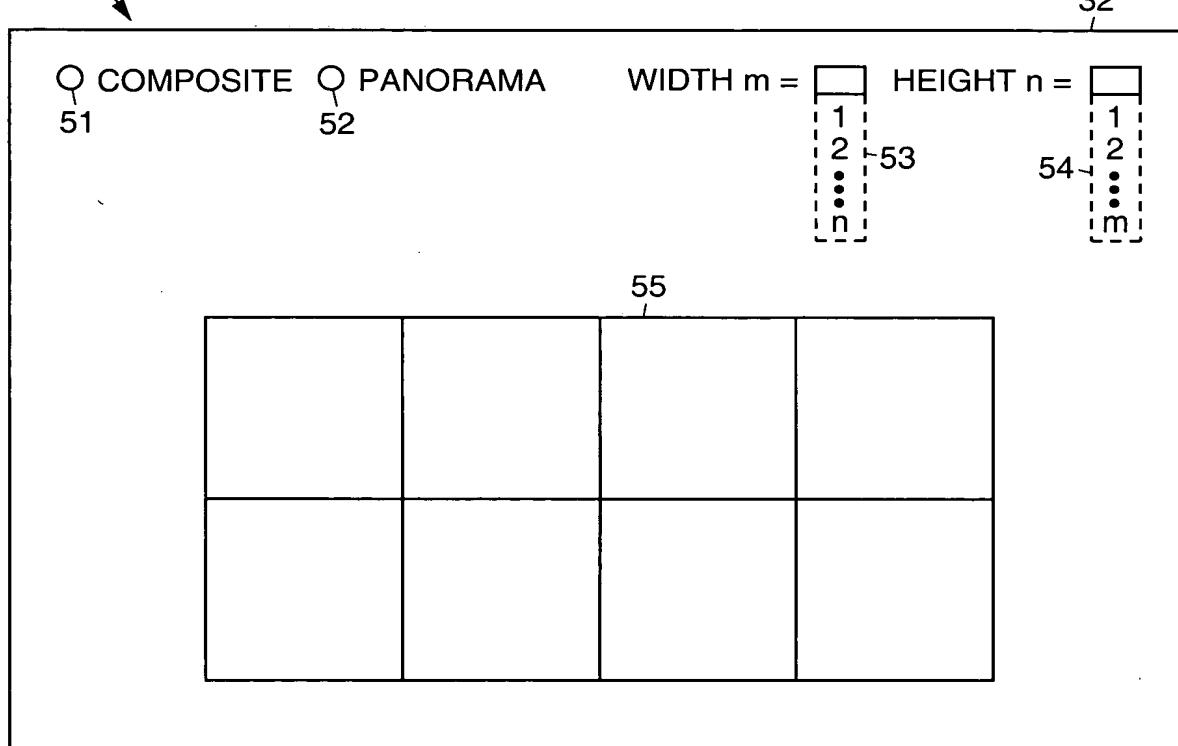


Fig. 2



70

Fig. 6

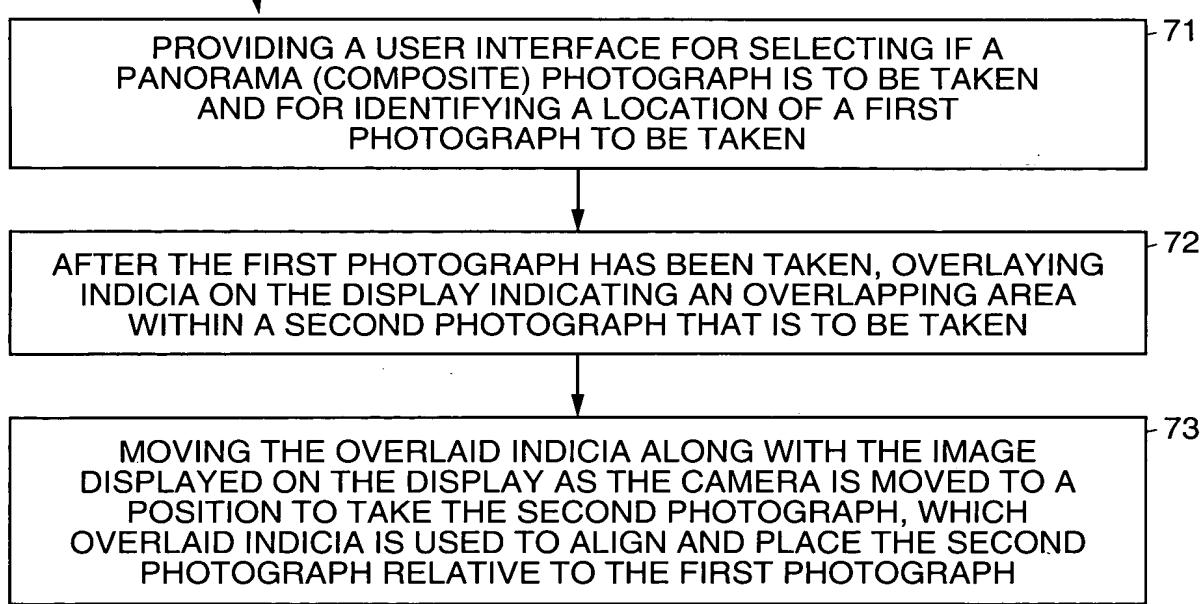
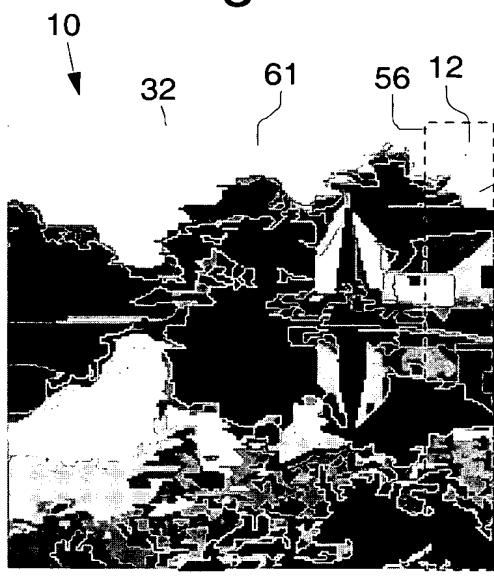


Fig. 3a

FIRST IMAGE TAKEN

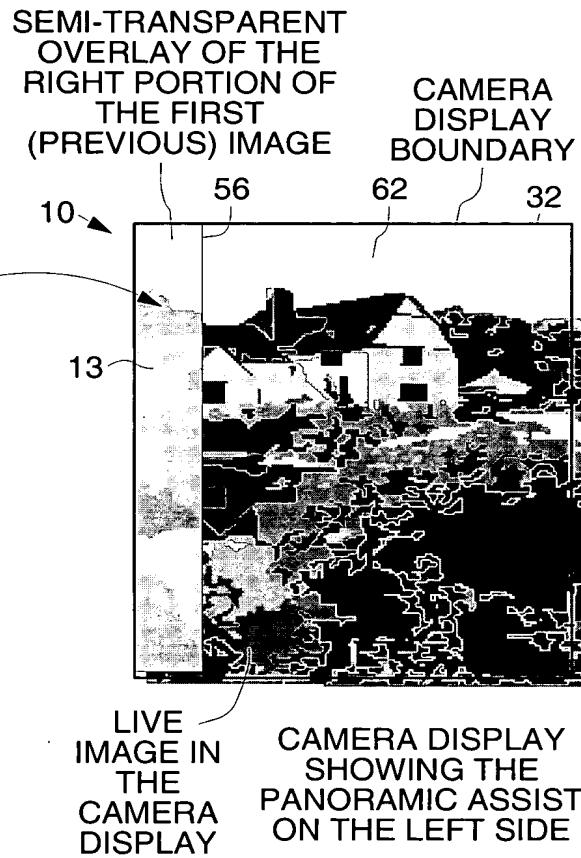
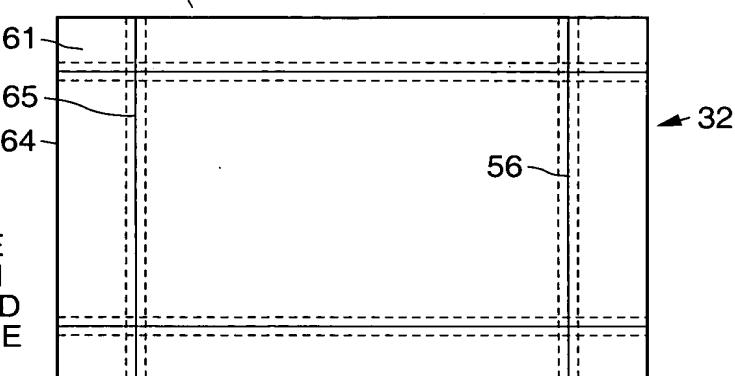
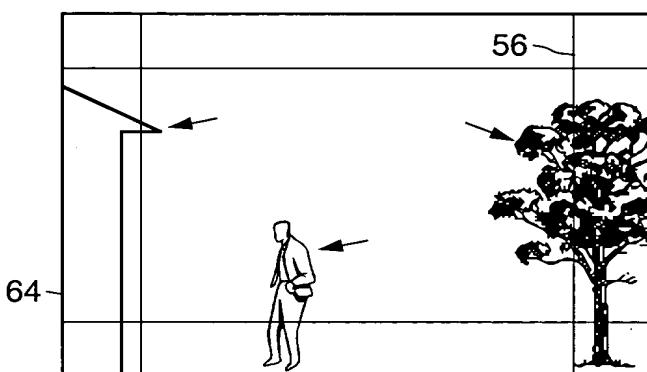
Fig. 3b**Fig. 3c**
DESIRED PANORAMIC IMAGE

Fig. 4a

A USER TAKES A PHOTO
SOLID GUIDE LINES
ARE DISPLAYED
DOTTED LINES (NOT VISIBLE)
INDICATE REGIONS WHERE THE
ALGORITHM SEARCHES FOR AN
EDGE OR OBJECT TO TRACK, AND
TRIES TO IDENTIFY ONE OR MORE
ON EACH SIDE OF THE PHOTO

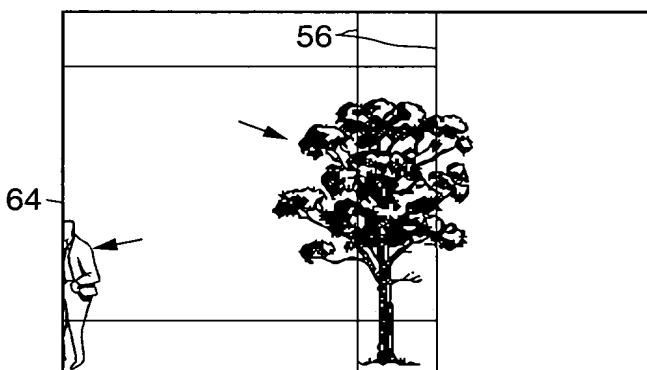
**Fig. 4b**

ARROWS (NOT VISIBLE
TO THE USER) INDICATE
POTENTIALLY USEFUL
EDGES FOR TRACKING

**Fig. 4c**

GUIDELINES ARE MOVED WITH
THE LIVE IMAGE AS THE USER
MOVES THE CAMERA TO SET
UP FOR THE NEXT PHOTO

ARROWS INDICATE THE
LOCATIONS THAT ARE
TRACKED BY THE ALGORITHM

**Fig. 4d**

THE USER PLACES THE
OVERLAPPING REGION
CORRECTLY AT THE EDGE
BY PUTTING THE LINES
ALONG THE CORRECT SIDE

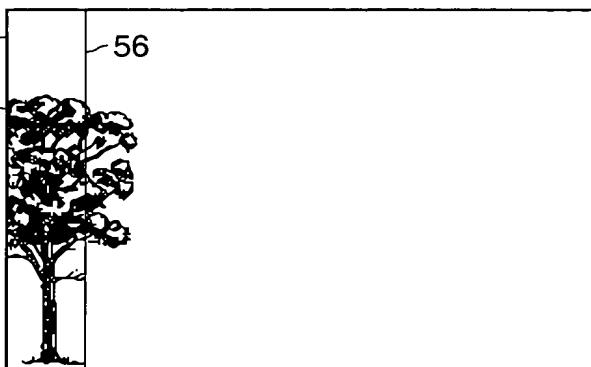
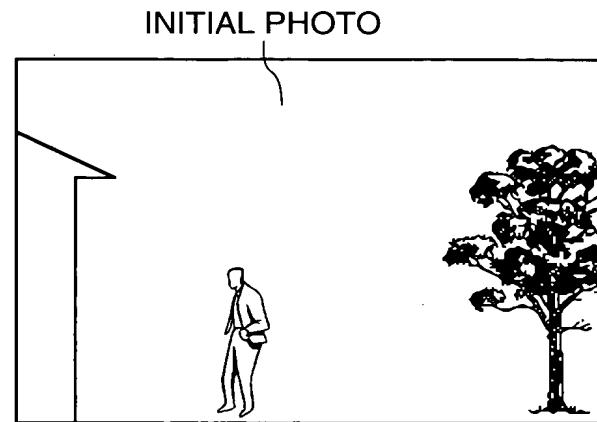
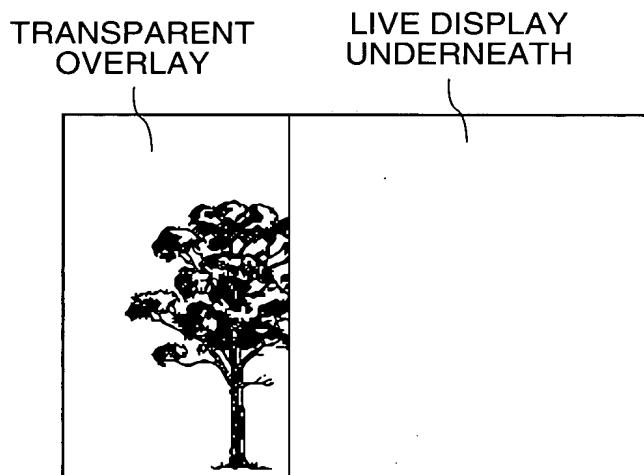


Fig. 5a

A USER TAKES A PHOTO
 THE USER PURES
 "PANORAMA/COMPOSITE"
 THE IMAGE CHANGES TO
 TRANSPARRENT OVERLAY
 WITH THE LIVE IMAGE ALSO
 DISPLAYED BENEATH IT
 THE USER PURES "←"

**Fig. 5b**

TRANSPARENT IMAGE
 "SLIDES" OVER THE THE
 USER-INDICATED SIDE

**Fig. 5c**

THE USER MOVES THE CAMERA
 TO ALIGN THE LIVE IMAGE WITH
 THE CORRECTLY-POSITIONED
 TRANSPARRENT OVERLAY FOR
 OPTIMAL RESULTS

THE CAMERA CAN ALSO STORE
 INFORMATION RELATED TO THE
 SEQUENCE OF THE PHOTOS
 AND THEIR PPOSITIONS
 RELATIVE TO ONE ANOTHER

OVERLAY
 FINAL
 POSITION SUBSEQUENT PHOTO

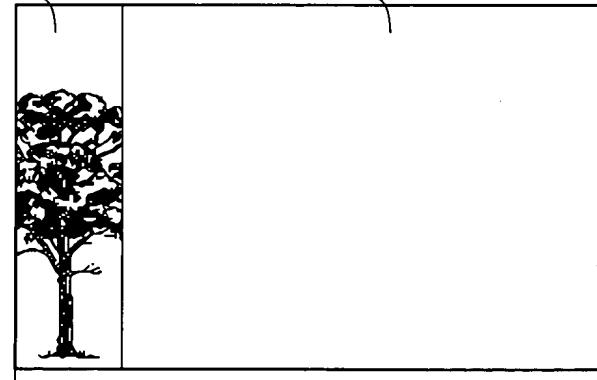


Fig. 7

